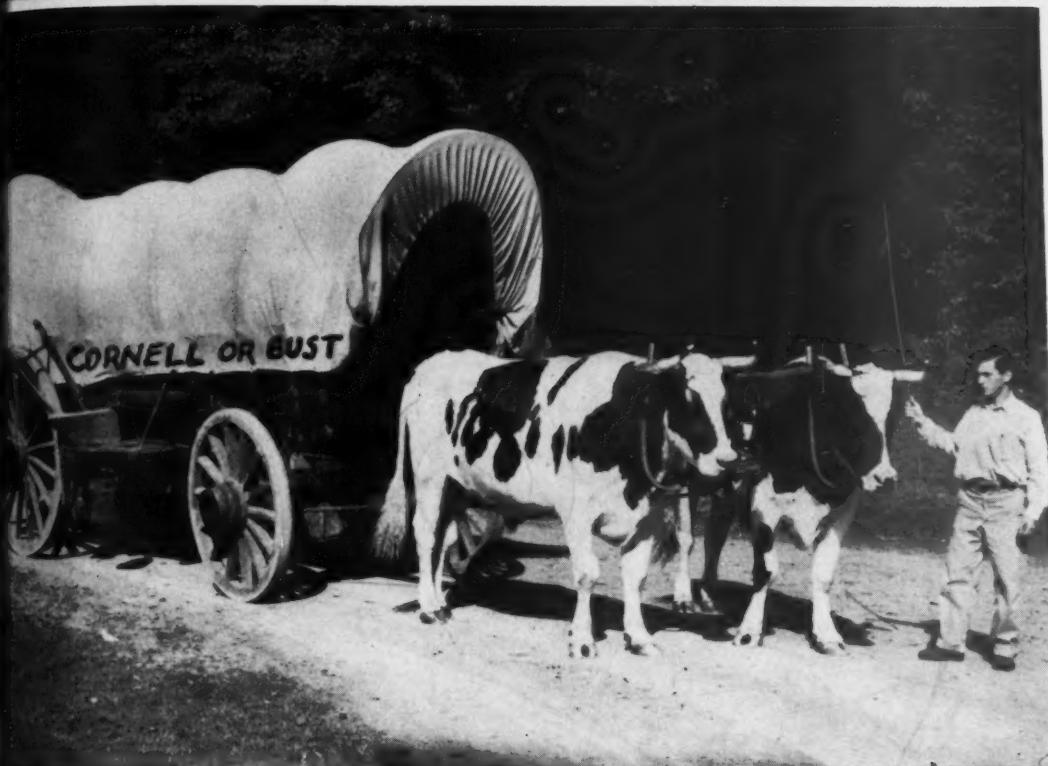


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The

October, 1954 25c

# Cornell Countryman



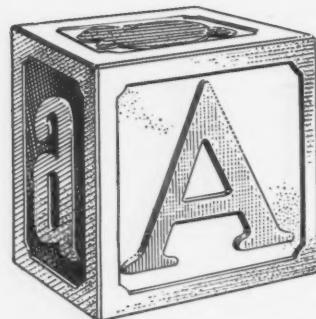
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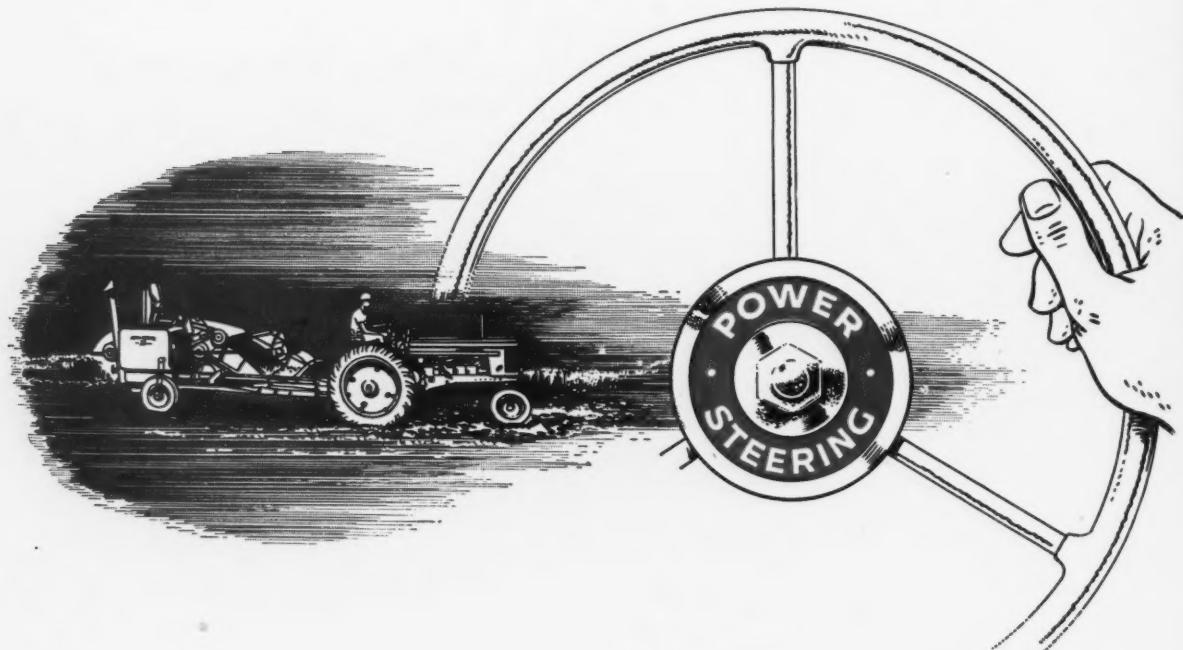
*The Administrators*  
New York State Fair  
Scholarship Winners





• • •

is for Applause



**N**OW, as most of us know, the farmer isn't a particularly demonstrative fellow. Which is to say that he accepts most things and events with what you might call a quiet philosophy. And when it comes to making an appraisal—whether it's a heifer or a new piece of machinery—it's a pretty rare farmer who is careless with either his Oh's and Ah's or his flattering adjectives.

Still, every so often some big news comes along—like the announcement of the new John Deere Power Steering—and then even that philosophical armor of his can't hide his enthusiasm. You can detect it easily. For, to the farm equipment man, that gleam of approval in a farmer's eye is as bright as the Milky Way, and his silent nod of satisfaction is as loud as the applause at a Carnegie Hall concert.

And, of course, it's perfectly natural that farmers everywhere are applauding the announcement of new John Deere Power Steering. It's the biggest news to hit the row-crop tractor field in years. To the farmer it means new freedom from steering effort, new freedom from driver fatigue, and safer, faster, more convenient tractor operation.

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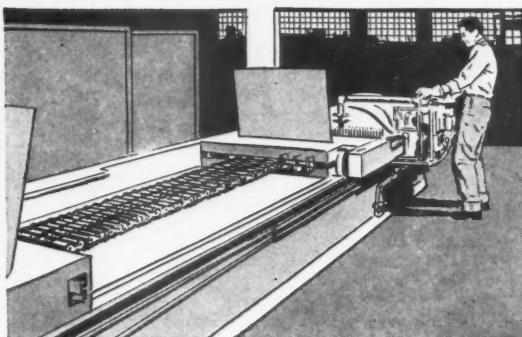
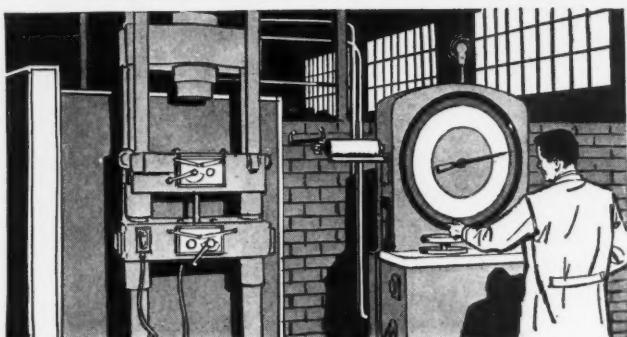
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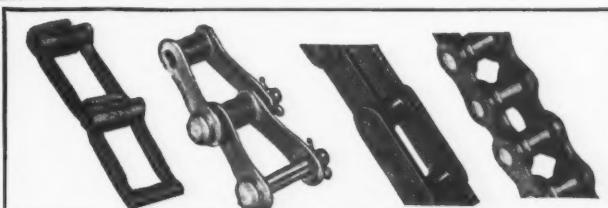
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—Dairymple

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experience, college instruction becomes more meaningful.

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Girls are not required to meet the farm practice requirements, but some of them like to take the test just to see how well they can do. Mrs. Daryl Stewart '56 is shown taking the test under the watchful eye of Peter Nesbitt '54.

**THE NEW YORK STATE COLLEGE OF AGRICULTURE**

*Cornell University*

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# The Cornell Countryman

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### Cover Story:—

While hashing over cover ideas for the October issue last May, we decided that a "Back to School" theme would be the ticket. What better way to accomplish this than to depict two freshmen heading for Ezra's University, each in his own inimitable way.

"Frosh" Len Pinkas and Neil Brokaw of the Art and Photography Board traded snapshots for the cover. They were ably assisted by Home Ec Editor Marylyn Mang's flashy red convertible and the Farmers' Museum of Cooperstown, New York, who kindly consented to loan us their original Prairie Schooner and team of oxen for the shot.

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Vol. LII—No. 1

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## The Cornell Campus Store

Barnes Hall

## Editorial Opinion

### Let's Get Together

Dear Frosh,

By this time you've found out that Cornell's a pretty big place, a lot bigger than the school you left in June. You've probably also discovered that things work a little differently here than at home. There's no one to get you out of bed in the morning, wash your clothes and cook meals for you, nor is there anyone to hustle you upstairs to do homework when "Dragnet" is holding forth on the television set.

Unlimited opportunity for extracurricular activities and social life are offered to you at college. Faculty advisers, rather than a single guidance director are assigned to each student and more effort

is required of you in classwork.

In the past freshmen have been encouraged to devote practically all of their time to study and stress activities in their later college years. It is our belief that one cannot mature mentally and socially poring over textbooks, and that one of the best ways for you to achieve a "well-rounded" education is for you to join organizations and clubs on-campus. Willard Straight committees are always eager to gain freshman class members and we think "The Countryman" has a claim in that direction too. It is an intelligent, carefully planned blend of these factors that produces the most successful college individual.

Dear Prof,

Approximately two weeks ago a new group of freshmen descended on the campus. With them came hope, anxiety, and perhaps a bit of cockiness. To many, you are an "unapproachable", a person on a pedestal wholly uninterested in the student and one who has very little time to discuss his individual problems with him. We upperclassmen know that this is not true, but freshmen are like Missourians. They have to be shown.

May we suggest that you encourage them to talk to you about your particular course, and that

you try to learn their names? Although we cannot hope that the formal "Mister" will be eliminated in college, we can hope that names will assume personalities rather than remain as print in a roll book.

Acting as faculty adviser you have a difficult job too. Advisees should be made aware of the fact that they can come to consult you freely, rather than appear at your office only at preregistration time. There is a possibility that fewer freshmen would be forced to leave school if our suggestions were more rigidly practiced. Lack of interest is a major factor in students' fail-



One of the most important things to remember is to confer with your faculty adviser frequently. He is not a man to fear, but a person with whom you can discuss your problems without feeling ill at ease. Your professors, too, are here to instruct and assist, not to trick you into putting down incorrect answers on examinations.

Actually, it's a dual proposition. Make the best possible use of Cornell's facilities and glean from her what you can, but contribute to her in return. And above all, don't waste time. Three short years have taught us that.

—Stephen M. Sandler

ures and their instructors can do more to correct this situation than anyone else.

—Stephen M. Sandler

### First Paul R. Guldin Awards Presented To Four "Countryman" Members and Home Ec Student

Five students in the College of Agriculture have been named as recipients of the first Paul R. Guldin Memorial Endowment awards. Professor J. P. Hertel, Professor in Personnel Administration, presented checks to the winners who's articles "encouraging a more adequate rural leadership" appeared in the 1953-1954 editions of "The Cornell Countryman".

Receiving top prize of \$50 for his excellence in editorial writing was Dana G. Dalrymple '54. Four second prizes of \$25 each were given to Karen G. Anderson '57 for her article "Now . . . Modern Rural Schools", Margaret Barry '54 for her article entitled "Odd Jobs", June Petterson '54 for "The Thruway", and Stephen M. Sandler '55, for his "Ag Athletes".

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Two of Professor Hertel's friends decide to chat awhile with one of "the administrators," and possibly to search for sugar.

### Office of Resident Instruction

## *The Administrators*

**Students talk as much about the Roberts Hall Big Four as about anything else—almost.**

by Dana G. Dalrymple '54

Behind the door entitled "Office of Resident Instruction" are four men who help guide your destinies while you are students in the College of Agriculture. They are the ones who admit you to the College, orient you to the ways of the Cornell community, offer help in the form of wise counseling when asked and, if need be, kick you out.

While the average freshman may meet these individuals through orientation, it is doubtful whether he will get a chance to see them with their "guard down." Certainly, a few generalities are common to all, namely, a deep interest and

broad background in agriculture, and an active interest in their community and the students whom they serve. But, how about taking a closer look at the men one by one.

#### **DIRECTOR A. W. GIBSON**

Probably one of the oldest claims to the New York Yankees is held by Director Gibson. He says that they have been his team since 1903 when they were known as the "Highlanders".\* An avid sports fan, he tries to get to as many university sporting events as possible and makes all the home football games.

"Gibby", is also one of the few

College of Agriculture faculty members who is also a member of the College of Home Economics faculty. Such a fate, if it can be termed as such, was far from his mind when he first came to Cornell from a small general farm in the Catskills back in 1913. He majored in pomology and helped to set out some of the earliest trees in the Cornell orchard.

After serving as a farm practice instructor prior to graduation, he became manager of a large farm near Petersburg, Virginia. As seems to happen to a great many farm managers, he got the urge to go into farming by himself, and purchased a 666-acre farm on the James River in Virginia. After a couple of years of farm work, he returned to the farm practice office. While he was carrying on his regular work, he received his Master's degree in agricultural economics and rural education. Since that time, Director Gibson has been vocational guidance and placement counselor for the College and now holds the responsible position of Director of Resident Instruction.

The only trouble that Director Gibson finds with his present job is that it doesn't give him enough time to get acquainted with the students and to take care of his two-acre garden. Part of that garden has now been converted into a lawn on which he enjoys frequent games of croquet with Doc. Wright.

An old Alpha Gamma Rho man "Gibby" is secretary-treasurer of the alumni association of the local AGR house and formerly was National Grand President of that fraternity. He was also president of the local Boy Scout council for a number of years.

Of the many duties that fall his way, one of the most enjoyable is the crowning of the Farm and Home Week queen. In his first performance last spring, the good director crowned and bussed Her Majesty with rare gusto showing both his great sense of humor and his keen interest in the students.

#### **PROFESSOR LEIGH H. HARDEN**

Although he considers himself "strictly an amateur", Professor

\* *Notwithstanding 1954*

Harden manages to raise about 4,000 gladiola bulbs on a part-time basis on 1½ acres near Bethel Grove. Originally from a general farm in South Dakota, Prof. Harden enrolled in the College of Agriculture at the University of Minnesota. He especially remembers his fiery editorials in "THE GOPHER COUNTRYMAN" concerning arts students calling the agricultural college a "cow campus." After he was graduated from Minnesota, he taught agriculture "where the tall corn grows."

Later, he returned to his Alma Mater where he received his Master's degree, and worked as an instructor. Professor Harden became Assistant to the Dean, at which time he was presented with "The Little Red Oil Can" in honor of his contributions to the College. He ruefully remembers his days as Director of the Office of Veteran's Education when the University had 30,000 - 40,000 students instead of its normal 15,000 - 16,000 and when everyone had to "sit in the aisles" to get an education. In 1945, he arrived on the scene at Cornell and took over as Director of Admissions for the College of Agriculture.

#### PROFESSOR HOWARD S. TYLER

After taking six weeks of liberal arts at Harvard College, Professor Tyler decided that a Bachelor of Arts education wasn't for him, so he spent the remainder of his first college year on the 200-acre family

**Professor Harden surveying part of his 1½ acre gladiola farm.**



—Dalrymple



—Dalrymple

**Need a job? Professor Tyler, as vocational guidance and placement counselor for the College places many June graduates in responsible agricultural positions.**

dairy farm. The next fall, with a change of heart, he enrolled at the University of Connecticut where he majored in general agriculture. After he was graduated, he worked as a herdsman on a dairy farm, in advanced registry cattle testing, and as a farm manager and instructor at the Connecticut Junior Republic.

Then, Professor Tyler married and came to Cornell for graduate work in agricultural economics. After receiving his PhD and working a couple of years in land classification, he assumed his present post as vocational guidance and placement counselor.

Still interested in dairy farming, he owns and lives on a small dairy farm in Peruville as a "full-time, part-time" hobby for his three boys and himself. Interested in community affairs, he is secretary-treasurer of the Owasco Valley Milk Producers Co-op and is president of the Groton Central School Board of Education. Prof. Tyler is also a member of the advisory board of the Cornell chapter of Alpha Zeta.

#### PROFESSOR J. P. HERTEL

If any one faculty member were qualified to write a book entitled "Cheaper By The Half-Dozen", it would be Professor J. P. Hertel. A long line of daughters was finally broken last spring by the arrival of his first son, and sixth child.

Although he is now Professor of Personnel Administration in charge

of student advising, Professor Hertel was, at one time, a general store-keeper and, in another instance, a draftsman in Montour Falls. Though not raised on a farm, "J. P." spent most of his boyhood days on his grandfather's dairy farm near Ralston, Pennsylvania.

In 1930 he decided to try college life and enrolled in the agricultural school at Cornell. He proceeded to graduate in seven terms instead of the usual eight, and still had time to become Editor in Chief of "THE CORNELL COUNTRYMAN" and steward of Alpha Zeta fraternity. After finishing graduate school he received his PhD in farm management and marketing. During this period he became interested in vocational guidance and accepted a position in the Office of Resident Instruction, where he has been since 1938.

The Hertel home is the old Warren farm near the University golf course. In his spare time, Professor Hertel "works at playing golf", gardens, and likes to take his offspring horseback riding. He is chairman of the Board of Trustees of the Forest Home School, a former president of the Board of Directors of the Tompkins County Tuberculosis and Public Health Association, and endowment treasurer of the Cornell chapter of Alpha Zeta.

With such a lineup of children and activities, it is small wonder that Professor Hertel doesn't "have time to keep all the weeds out of the garden."

Dejection written all over their faces, a silent group of weary men stood near the smoldering ruins of a large barn. Although they had rushed to the scene as soon as possible after receiving the farmer's urgent plea for help, their bucket brigade had been ineffective against the raging fire. The men had been forced to watch helplessly while thousands of dollars worth of produce, livestock, and feed, and possibly untold dreams of a rosy future, went up in smoke.

Too often, such an experience has been repeated in rural areas and only recently have farmers throughout the United States set up their own fire departments. The red fire truck that once symbolized fire protection for cities and villages has arrived in the country.

#### Turkeys Furnish Engines

As with all new ventures, the farmers have run into certain difficulties. The major problem encountered has been that of raising money to pay for the necessary equipment — a truck with a 1000-gallon tank and another with a 300-500 gallon tank and space for hose and ladders. Such fund raising affairs as auctions, horse shows, fairs, bazaars, and shoots have been held. The people of Sandgate, a township in Vermont, held a turkey shoot. The men conducted the event while the women prepared refreshments. As an extra means of

#### R.F.D. Stands For . . .

# Rural Fire Departments

**A closer look at the  
most important agricultural  
advancement of modern times.**

by Karen G. Anderson '57

revenue, garden surplus was sold to the folks who attended.

Another method of getting capital has been the levying of a small tax on farm properties in the area to be protected. Interested patrons often donate money to the cause and in Sanilac County, Michigan, the volunteers built their own equipment. Many rural fire departments buy their first fire trucks from city or suburban fire companies that are replacing their older models with newer equipment.

To shelter their engines, the firemen may hold a firehouse raising. The farmers work on the building whenever they have any spare time. On weekends it becomes a social affair, and the women prepare food. The center of the area to be covered, not necessarily the center of town, is usually picked as the site for the firehouse. Whereas in the city the maximum radius

covered by one department may be less than one mile, it can be as many as fifteen or twenty miles in a rural area. The matter of distance is a vital factor in determining whether a fire can be extinguished before it gets out of control.

To speed the process of reaching a fire, each farmhouse is numbered, and its number and the best route to it are kept on record at the station house and on the trucks. The men who ride the engines are all volunteers. There are usually no problems with regard to lack of manpower; a waiting list for positions is more often the case. The men take a training course before they can qualify to serve in the fire company, which is headed by a fire chief, a deputy chief, and a captain elected by the volunteers. The pay is very low—only a token payment—but the men feel that they are being well paid when they can save a farm from total loss by fire.

As an interesting illustration of the work that volunteers do, several students at Cornell are volunteer firemen for the Ithaca Fire Department and actually live in the firehouse on College Avenue. They were among the first persons at the scene of two local barn fires several years ago, both structures belonging to Professor J. P. Hertel of the College of Agriculture.

#### **Law of Averages**

Nowadays, when a fire breaks out in a farm building, the farmer has only to pick up his party line 'phone, ring the firehouse, and wait for the trucks. There is a better than average chance that the fire will be put out with only minor damage to the building. This is the rural fire department in action!

Castleton, Vermont, sports one of the best equipped rural fire departments in the country. Shown are two of the town's modern trucks.



—Brokaw

**Sign up now for**

**THE CORNELL COUNTRYMAN**



# Head, Heart, Hands, Health

by Christine C. Carr '57

A boy from central New York proudly displays his Angus heifer which has just won first prize at the county fair. A girl from a northern New York county demonstrates to nearly a hundred visiting home-makers the newest method of preserving tomatoes. Throughout the rest of New York State and all over the United States, 4-H members are surpassing seemingly insurmountable goals and are proving themselves capable in almost every agricultural and homemaking field.

#### **Out of the Wilderness**

In the early 1830's throughout the United States, a movement began to improve conditions for farm youth. The farmers of America had at last attained a higher level of living and were beginning to emerge from their frontier lives and to seek modern improvements. About the turn of the century in New York State, Liberty Hyde Bailey endeavored, by his promotion of nature study, to counteract the idea that learning must necessarily concern remote things.

#### **Compet System, Cloverleaf**

##### **Adopted**

Simultaneously, in Ohio and Illinois, Boys' and Girls' Agricultural Clubs were organized. A system was set up whereby several of the leading feed companies donated samples of corn which were distributed in equal amounts among the interested boys. The young farmers would, in turn, prepare the soil, and plant and care for the corn until harvest, when each crop would be exhibited and judged. The winners would receive prizes in addition to the profits from their crops.

Meanwhile, the scope of the clubs was held in Chicago. The clubs proved themselves adequate during

was widening, and as far west as Iowa, new groups were being organized. In 1909, the cloverleaf emblem was adopted and shortly thereafter, the Government began sponsoring Agricultural Clubs in Mississippi. The movement spread rapidly throughout the South, and a trip to Washington soon became the incentive for winning the contest. Soon a program for girls, involving the growth and preservation of tomatoes, had developed. During both World Wars, clubs sponsored programs in vegetable gardening and sewing, which eventually spread into some of the large cities.

In 1918 the term 4-H was officially adopted and three years later the National Committee was set up to promote and coordinate the work of the clubs throughout the country. Less than two years later, the first official 4-H Club Congress the depression of the late twenties

and early thirties and founded the National 4-H Club Camp in 1927. Subsequent state camps were set up throughout the United States, and gradually rural youth work was taken up in Canada, Europe, Hawaii, and Alaska.

#### **Projects and A Pledge**

In addition to the original projects, members are now engaged in conservation, clothing and design, child care, raising cattle, home improvement, judging teams, and recreational teams. The original spirit of 4-H prevails even today and perhaps is expressed best in the 4-H Club pledge:

"I pledge my head to clearer thinking,  
my heart to greater loyalty,  
my hands to larger service,  
and my health to better living,  
for my club, my community,  
and my country."

Five vari-sized 4-H'ers pose with their Jersey heifers in full show regalia.



—College of Agriculture

"Resolved: that the New York State Agricultural Society will hold its annual Fair in the village of Syracuse, on Wednesday and Thursday, September 29 and 30."

Adopted by a small committee of representatives of the New York State Agricultural Society, this resolution culminated more than nine years of effort to "promote the organization of county or local societies of agriculture." More specifically, the Society desired to establish agricultural schools and hold annual fairs. So it was that the first State Fair was held in Syracuse in 1841. Located almost in the heart of the present business section of the Saltine City, the Fair had an auspicious beginning.

#### Typical "Farmers' Dinner"

The old Court House was thrown open for the exhibits of farm products, implements, and specimens of domestic manufacture. The animal exhibits were held in a grove of trees nearby. At that original show nine classes of cattle were entered and the cattle prizes totaled about \$300. Amusement for between ten and fifteen thousand visitors was provided by the local community rather than by the Fair and it has been related that the proprietor of the old Syracuse House served a lavish "farmers' dinner" to more than twelve hundred people on the first day.

Although Syracuse has been the permanent home of the New York State Fair for many years, such was not always the case. The second Fair was held in Albany and, until a permanent site was chosen, Syracuse was favored only twice. Rochester, Utica, and Elmira enjoyed the event most often with Albany. In 1872 the Chemung County



#### New York's Great . . .

# State

by Christine C. Carr '57



—Cornell Countryman

An ever-curious cow gets acquainted with a bewildered lamb at the Fair.

Board of Supervisors bid for the State Fair; that is, the County was to bond itself for \$50,000 to procure a public fund for Fair purposes and, in return, the Fair would be allotted to Elmira every three years for a twelve-year period.

It was agreed, however, that a more central and convenient site was needed, and a desirable setting in one of Syracuse's western suburbs was selected. An executive committee accepted the gift of 100 acres of ground and in 1890 the Fair opened its gates for the first time in its permanent home. Soon afterward, the Society was able to broaden its appeal by constructing a half-mile track for horse racing, a larger grandstand, and numerous buildings suitable for housing livestock, general farming, and horticultural exhibits.

About the turn of the century Lieutenant-Governor Timothy L. Woodruff was elected President of the State Society. After the Society had fallen into heavy debt, it was

recommended that New York State assume control and management of the Fair. One of the primary advantages of State control was the fact that county fair committees would be discouraged from scheduling their fairs at the same time as the State Fair. Transfer of control took place in April of 1900.

#### Iron Hand Rule

As time went on, it became obvious to the officials in charge of the Fair that there was a need for a smoother running administrative group. As a result a smaller, but more efficient, Board of Commissioners was established. In addition, it was decided that the haphazard building program that was going on should be replaced by a planned program of construction with an eye on the architectural design of the whole institution. A new central gate was installed to facilitate movement of the crowds and add to the beauty of the grounds. The

#### Greased Pig contest

# Fair

**Indians and auto races make late summer classic a must for youngsters from 6 to 60.**



racing plant was improved countless times and a new steel grandstand erected.

The Museum of Agricultural Implements and Machinery now houses the latest models in farm equipment, as well as remnants of the wooden plow and cradle days. A new horse barn was added to relieve the crowded conditions in the cattle barn. The horticultural exhibit, previously held in the Liberal Arts and Manufacturers Building, was moved to new quarters.

Aimed at improving agricultural society, the State Fair has exhibits which appeal to the varied interests of practically every visitor. For the dairy farmer, there are the dairy cattle shows and judging contests, and the Dairy Building exhibits. Beef cattle are equally well represented and the beef show has made considerable progress in recent years. Sheep and swine come in for their share of the honors too, especially during the annual State Sheep Shearing Contest. Poultry, draft horses, and saddle horses also are feature attractions during the week that the Fair is in progress.

#### **From Vegetables to Vehicles**

The horticulture display shows a godly number of flowers and plants. In the Women's Building domestic arts and crafts are on show for the public and household conveniences, the latest fashions, and even tips on grooming are available. Special days like Boys' and Girls' Day and Governor's Day are set aside. Sulky races are a major part of the agenda but the big one hundred mile automobile grind on the

last day usually draws the most fans. In addition, the traditional fireworks display is still held.

Boys and girls of the 4-H and the Grange are encouraged toward even higher achievements by their activities which actually constitute a fair within a fair. These and many other displays, contests, and concessions, plus the mammoth midway, make up the New York State Fair.



This year's Fair, held from September 4-11, turned the spotlight

**Draft horses compete against one another in teams for coveted prize money in the New York State Pulling Contest.**



*—College of Agriculture*

on New York's billion-dollar dairy industry. The biggest attraction was "the greatest dairy cattle show in America", one of the highlights of which was the opening of the latest type of pen stabling barn. Nearly 200 classes of cattle competed for about \$24,000 in cash prizes and the Holstein section was the largest competitive assembly of the breed in the world.

#### **Relaxation Time**

The Fair was the 108th to date, the continuity since 1841 having been broken by the two World Wars. Indians from some of the State reservations performed ceremonial dances in a specially constructed village and their handiwork was a source of amazement to many Fairgoers. A championship drum corps contest and a rodeo were among the favorite events. For the first time this year, visitors could drive to the Fairgrounds over a sizable section of the new Thruway.

Now, it's October-1954. Once again the crowds have swarmed down upon the Fairground at Syracuse and have assembled the products of their labor on a common ground. Once again the grounds have been cleared and the equipment put away for another year. And once again New York State has shown to her population, both rural and urban, the fruits of her harvest.

## Scholarship Awards Announced for 1954-1955 Academic Year

### Professor Merit Award

Cedric Hay Guise

ADMINISTERED BY THE COLLEGE  
OF AGRICULTURE

**Robert M. Adams 4-H Memorial  
Scholarship (\$50)**

Roy Curtiss III

**Alpha Zeta Cup**

Clark R. Affolter

**Alumni Prize**

Arthur John Dommen

**Beatty Agricultural Scholarships**

Richard Edward Capra

Albert George Ives

Kenneth Eugene Ryan

Herbert Marx Salm

**Borden Agricultural Scholarship  
Award (\$300)**

Arthur John Dommen

**Burpee Award (\$50)**

In Horticulture:

Thomas Henry Plummer

In Vegetable Crops:

Charles Standiford Hay-  
man, Jr.

**Dairy Marketing Research Fund  
Scholarship (\$400)**

Harold Anson Cool

**Danforth Foundation Scholarships**

Harold William Garman (Fresh-  
man)

Ransom Abbott Blakeley (Junior)

**Esso 4-H Scholarship (\$100)**

Elwood Henry Hacker (Fourth  
Year)

Norman Rask (Fourth Year)

Roy Curtiss III (Third Year)

Bruce Vernon Kimball (Third  
Year)

Richard Everett Keene (Second  
Year)

William Leslie Rodee (Second  
Year)

Ralph Emerson Lamar III (First  
Year)

Roy Robert Rolland (First Year)

**Heatley Green Scholarship**

Robert Harold Baum

Barbara Eleanor Burg

Eugene Charles Ceglowski

Helene Gellen

Glenn Oscar Patterson

John Joseph Ruszkiewicz (Spring  
Term Only)

Jean Evelyn Steinbeck

**Walter R. Clarke Memorial En-  
dowment (\$120)**

John Joseph Ruszkiewicz

(Fall Term Only)

(Continued on page 23)



Director A. W. Gibson

dents to perform this service and since you are so vital to its existence, you should have no doubt of the sincerity of our welcome.

You are very likely receiving more advice than ever before in your lives. The folks at home have fond hopes for you and want to see you make the most of your opportunities. Here in the University we feel the same way about it. The orientation program is planned to help you get acquainted quickly and set to start your college education with the best possible chance for success. We know that too much advice, all at once, is difficult to take, but let me assure you that there are years of experience behind it. The Faculty and facilities for your instruction are among the best to be found. The great majority of Cornell students make good use of them. A few will seem not to realize the opportunities for education and personal development that are all around them. If you pick your closest associates from among those who are making good, you will have made your road much easier to travel and the journey of more lasting benefit.

You should understand that the purpose of the institution, as far as you are concerned, is to teach. The reason for your being here is to learn; to get an education. The cost to you, your family, and to the State of New York, can be justified on no other basis. You are just beginning a period in your lives that will be vital in determining your future usefulness. Along with our welcome, it is our hope that you will become enthusiastic about taking full advantage of your opportunities, right from the start.

## Animal Husbandry Dep't Loses Prof. Crandall

After thirty-two years of service at Cornell as Professor of Animal Husbandry, Professor W. T. Crandall retired on July 1. During most of his time as a member of the animal husbandry department, he had charge of the dairy Extension feeding program and of all dairy records for the State.

Professor Crandall headed the Department of Animal Husbandry at Alfred State School of Agriculture from 1909-1910, was an Associate in Dairy Husbandry at the

University of Illinois, and served as Extension Assistant Professor of Dairy Husbandry at Kansas State Agricultural College from 1920-1922.

In connection with his work in dairy feeding, Professor Crandall developed a series of charts for interpreting the results of feeding practices in Dairy Herd Improvement Associations. He also devised a method of feeding analysis to determine a measure of feeding levels in D. H. I. A. herds.



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**for the**

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Floriculture Club members and at the Floriculture office in  
the Plant Science Building.**

# *Squints . . . . . . At The Seniors*

*Ruth Clarke*



Every minute of the day is full for "Rudy" Clarke, a small town girl who is one of the busiest, best known seniors on the upper campus.

Home Economics activities take up most of her class and extracurricular time. As president of Omicron Nu, she'll undoubtedly strengthen that honorary's relations with Ho-Nun-De-Kah this year.

Rudy is also active in Ag Domecon Council, CURW, Delta Delta Delta sorority, and the Home Economics Club. Ask her about the time she furnished the cider for a club tea. She'll warn you not to stand cider in the sun for long unless you're prepared for a major explosion.

As a member of the Willard Straight Social Committee, Rudy really lent atmosphere to the Straight's "Golden Nugget Jamboree" last year when she served very capably as a can-can girl.

Rudy was a VP during her sophomore year, and a VP's roommate last year. She really "faked out" the freshmen when, out of a clear sky, she suddenly got pinned to a fellow she had only dated once that year.

For two years after she graduates, Rudy hopes to do food writing and experimentation for a magazine. However, her real goal can be found in the lower right hand corner of this page. In fact she's even taking the marriage course with him next spring. That farm in the Champlain Valley is plenty big enough for two. V.P.

*Ben Hawkins*

Maybe his ancestors came over on the "Mayflower," but Ben Hawkins seems to make better time in a flashy black convertible with red upholstery.

Remember the good times Ben gave us last year as chairman of Ag-Hec Day and the Farm and Home Week square dance? Well, this year he's just as busy as president of Ho-Nun-De-Kah, vice president of Alpha Gamma Rho, vice president of Ag-Domecon Council, Ag representative on the Willard Straight Board of Managers, and an active member of the Round-up Club.

In his spare time, which is pretty scarce, Ben manages to play intramural sports for his house, take movies with his new camera, ski,

play the saxophone, and go on picnics.

Last year he was often found in his room with the door closed. Was he studying? Closer investigation usually revealed him to be madly practicing the Charleston, at which he is now proficient.

Ben's biggest extra-curricular activity, however, began with a blind date in his freshman year. Now she proudly wears his fraternity pin.

After graduation, Ben will spend two years with Uncle Sam. Then an 800-acre farm in the Champlain Valley, Vermont, is waiting for him and Rudy.

His three years at Cornell have given Ben a philosophy of education which deserves consideration.

"Don't come to college just for book learning, cramming, and memorization," he says, "but try to develop yourself all around. Don't stick to the Ag quad alone, either in courses or in activities. Take courses in fields in which you previously knew nothing. You get out of college just what you put into it."

We know Ben practices what he preaches. Somehow we have to agree with the girl at the upper left, who says with stars in her eyes, "He's a great guy!" V.P.



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# horizontal houses

by Anne LaBastille '55

Two people, one a real estate salesman, the other a prospective homeowner, stood looking out of the picture window of a sprawling Eastern ranch house. "Wonder what eccentric architect designed this white elephant?" remarked the buyer. "It's as much out of place in the East as white gloves on a chimneysweep."

Apparently, the salesman was going to have a pretty hard time convincing his customer that Western style ranch houses are fast becoming America's most popular form of modern home.

#### Eastward Migration

Our great Southwest with its hot, burning sun, flat desert floor, and sweeping vistas was the natural setting for the first ranch homes. Made of adobe, low ceilings, thick walls, and small windows, these rambling structures were cool on the hottest days and blended in with their surroundings. In keeping with the changing mode of living with its demand for efficiency and comfort, tourists and architects collaborated to move the ranch house from its origin to the eastern section of the United States.

Actually, these Eastern reproductions are entirely different in design and material than their Western cousins. Some are constructed of gray fieldstone and redwood timber, others feature shingle or flat tile roofs, and practically all ranch homes sport huge picture windows. But, basically they follow the same pattern of horizontal planning with one and a half floors, a basement, and a two-car garage.

There are certain limiting factors which must be considered in the construction and location of any

ranch house. Space is the most important prerequisite and an eye toward the design of other houses in the neighborhood is desirable. Certainly a long, low ranch house would be a distinctive building in the midst of a Cape Cod colonial development but not an appreciated home from the neighbors' viewpoint. Picturesque views add greatly to the appeal of the ranch house but are not a necessity. Where local material is available, most folks feel that their new house should be constructed of such stuff since costs will be cut considerably. Of course, in locales where no native materials are present, a ranch home builder must bring in wood, stone, tile, or prefabricated substances from other parts of the country.

The general style of the house should conform to the needs of the owner. Large families require

more bedrooms, and consequently need a larger home than a small family, elderly folks, or newly-weds. The adaptability of the contemporary ranch home is a boon for young couples for, as their family increases in size, new rooms and additions can easily be added without resulting in a disproportional dwelling.

#### No Dusty Proposition

It is difficult to compare initial building expenses of the ranch-type home as opposed to a conventional two-story house. Cost will vary with the size of the ranch home and the materials used in its construction. It would be safe to say, however, that dollar for dollar the ranch house is slightly less expensive than the other. Ease in house-keeping rates high with housewives who live in these new homes. There are no fancy chandeliers, wooden bannisters, moldings, or cornices to catch dust.

Low lines and horizontal design characterize the ranch house. Notice the two-car garage and picture window.

—Sandler



Many ranch-type homes are designed with an inner patio which comes in handy for outdoor parties, wienie roasts, or just plain relaxing. Then, too, Dad and the boys can sleep out under the stars without having to worry about what to do in case of rain.

Ranch home construction has made its greatest advances in suburbs surrounding our larger Eastern cities. Westchester County, a scant half-hour drive from New York City, has probably seen the building of the largest number. Contrary to popular opinion, there is much room for housing developments in this section of the State, and the cosmopolitan tastes of the County's inhabitants influence the trend toward fancier, ranch-type buildings rather than the predominant Dutch and Cape Cod Colonials found there.

#### **Shades of Greeley**

Nowadays, people talk glibly about their new ranch homes, but the truth of the matter is that practically any house constructed on a basically horizontal one floor plan

can be termed a "ranch house". To see a genuine ranch house, however, you must get yourself a Stetson, a few hundred head of longhorns, and GO WEST!

"My good man," said the chronic meddler to the old Irishman who was busy digging his spuds, "Why don't you stop drinking?"

"Sure and I haven't taken a drink in ten years."

"Who are you trying to kid," sneered the meddler. "How can you tell me that when your nose is as red as fire?"

"Sure and it's not the drink that makes me nose so red," snapped back Pat, "'tis blusin' with pride because it attends to its own business!"

A man and his young son stood in the gallery at the Capitol as the House was called to order.

"Dad," the lad asked, "why did the minister pray for all those men?"

"He didn't, Son," the man replied. "He looked them over and prayed for the country."

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—College of Agriculture

The portable wood chipper shown in operation chews up logs in a few seconds and furnishes excellent bedding for livestock.

New York farmers may be "in the chips" as a result of Cornell research with a portable wood chipper. The introduction of wood chipping machines a few years ago has made it very profitable for the farmer to work his woodlot, according to Professor E. W. Foss of the agricultural engineering department.

#### Hearty Appetite

Wood chips provide a use for waste woodland products and, at the same time, satisfy needs for bedding and mulching material, fuel, and soil conditioners. Working with commercial models that devour anything from brush to six-inch logs, agricultural engineers have come to the conclusion that chips can be produced for livestock bedding at about a quarter of the cost of straw. It has been estimated that the cost to produce a ton of wood chips from the farm woodlot would be \$3 to \$6. Cost, of course, varies with species of wood, distance of skidding logs, and experience of the operator.

When reduced to chips by one of three machines available, waste wood has a number of uses other than for bedding. It may offer low cost organic matter for mulch and soil humus, or an inexpensive source of fuel for the home with by-product ashes of high fertilizer value. Chips may also be a

source of income in the future, since greenhouses are already using them for mulch and packaging.

Adapting the outfit for farm use, a man can chip  $2\frac{1}{2}$  tons per hour. Size of cut can be adjusted for livestock bedding or for poultry house litter. Professor Foss claims that a whole year's supply of chips can be inexpensively stored in one or two days time. Some 50 portable chipper are now in operation in the State and, although one is not needed on every farm, prospects of finding a custom chipper in many rural communities look extremely favorable.

At the present time, Professor G. W. Trimberger of the animal husbandry department is comparing the merits of wood chips with straw and other materials for bedding and George R. Free, supervisor of the U. S. Department of Agriculture's soil management research at Cornell, is studying the effects of wood chips on crop yields. These chips have been used as a topdressing.

#### Equipment, "Savvy" Needed

Though the future of wood chips cannot be accurately predicted, the raw material needs to be removed, and there is a demand for the end product. The only delay is in obtaining the best designed equipment for production and handling, plus the "know-how" for the job.

S.S.

Two cavalry rookies were each given a horse, and they wondered how to tell them apart. Joe cut the mane off his horse, but in a short time it grew out again. Then Bill trimmed the tail of his steed, but it too grew back.

Finally Joe got an idea. "Why don't we measure them?" he asked. "Maybe one horse is larger than the other."

So they measured them, and sure enough, the black horse was three inches taller than the white one.

A young man who had just received his degree from college rushed out and said: "Here I am, world, I have my A. B."

The world replied, "Sit down, son, and I'll teach you the rest of the alphabet."

"Do you realize there are 30 percent more men than women in mental hospitals?"

"True, madam. But who put them there?"

You can't make dollars with your quarters on an easy chair.



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# Farmer's Silent Partner

**In barnyard and milkhouse electricity plays a vital role.**

by June L. Petterson '54

Many years ago the farmer had an enemy, a foe that caused farm businesses to lose a few animals, destroyed welcome shade trees and, on occasion, ruined an entire farming operation. Realizing that he could take some precautionary measures against his nemesis, electricity, but could not eliminate it, the farmer decided to harness Mr. Enemy and put him to work.

#### A Full-Time Job

Modern farmers still fear this force, but have found that by bringing electricity into their business they not only have the cheapest hired man possible but, in a sense, a silent partner. Today's agriculturist is really in a fix if this hired man decides to take a few hours off.

The poultryman, with eggs incubating or chicks in brooders, can be ruined financially by an electric breakdown. Electricity not only mothers this same farmer's chicks but feeds his hens via automatic feeders. Then, too, water from that spring back of the farm is pumped to the hen house by electric motor and electricity operates a device that automatically turns the lights in the chicken coop on and off at the proper time. Electricity is seldom found in the field since harvesting of crops is a job to be done by another source of power. More cows stay at home, though, because someone thought of an electric fence.

A summer day with a dairy farmer begins with milking. If the farmer were to milk 40 to 60 cows by hand, he couldn't possibly get

The automatic barn cleaner has saved farmers hours of backbreaking effort.



*Cornell Countryman*

into the hay field before noontime. With electricity aiding as a hired man, the farmer turns on the milking machine motor, puts the machines on and takes them off his cows, and lets his "assistant" do the milking. After chores are done, an electric cooler in the milkhouse preserves the milk by cooling it to the proper temperature, and an electric heater warms water with which to wash the milking machines.

The dairyman, of course wants to pass inspection for barn cleanliness so he throws another switch and the manure is removed from the stable by an electric barn cleaner. With as little effort as possible the barn chores are done and the farmer can start work in the fields right after breakfast.



*Cornell Countryman*  
Milk wouldn't last long without electric milkhouse coolers.

Many farmers don't worry about the haying season anymore. The old questions of "Will it rain?" or "Is the dew too heavy yet?" aren't

sticklers to the modern farmer. He cuts, rakes, bales or field chops his hay, and after taking it to the barn, dries it with an electric barn dryer. The quality of the alfalfa or clover mixed hay is also increased by this method of curing.

#### Cheap Hired Man!

Another unique use of electric power is the elevator. No more complicated pulley devices with a rope tied to old "Daisy" or to the Ford truck to get the hay into the mow; gone are the days of carrying newly harvested grain up into a bin. Shove an elevator in place and it will do most of the work.

The best part about this hired man is his wages. We pay less per job done for electricity than we pay to a human hired man, and the human requires food and a bed if he is to rise and shine the next morning. Electricity needs no rest. Normally, it is there whenever we need it, be it for everyday chores or for an emergency at night when the first thing we do is to turn on our bedside lamp.

Management on farms has been considerably improved by electricity. Cows are milked with a uniform, steady action when machines are employed properly and barns are well-lighted and ventilated. Cleanliness is now found in practically all barns due to barn cleaners and running water.

Farming is rapidly changing from brawn to brain work as farmers realize that profits are the result of good planning and management with less human labor and more work from their silent partner.

*Somewhere's there's . . .*

## A Scholarship For You

by Barbara E. Barnard '55

Are you a male graduate of Yonkers High School, who is of Scotch, English, or Irish parentage and who is planning to major in a literary or scientific field? If so, you are eligible to apply for the Alexander and Mary E. Saunders Scholarship. The annual award is \$500 and the tenure unlimited.

Scholarships are an important factor to some students in paying for their college education. Yet, even though many people could put them to use, there are many scholarships that go unused year after year because people are unaware of their existence.

### Stratified Stipends

Our purpose here is to point out to students and prospective students of the Ag and Home Ec schools some of the more unusual scholarships which are available to undergraduates.

Some scholarships give preference to students from certain areas. The George LaMont Scholarship is open to freshmen from farms in Orleans County. The Harrison Beatty Agricultural Scholarship is for freshmen from Chenango County. The Hervey S. Hall Scholarship is open to sophomores, juniors and seniors from (1) the town of Spencer and (2) Tioga County.

Several awards are open to people interested in specific fields. These are for juniors and seniors. They cover ornithology, processing fruits and vegetables, dairy marketing and dairy husbandry with special interest in Holstein cattle.

### Truxton to Sandusky

Several of the same awards that are available for the Ag School are also offered to students in Home Ec. There is one for entering freshmen who plan to teach in New York City. Another, sponsored by the Daughters of the American Revolution, is for American Indian students. There are many Home Bureau scholarships with preference given to students preparing for extension work.

Many stipends are available for any college in the University. Among these are the following regional grants: Town of Truxton, N. Y.; city of East St. Louis, Ill.; Port Henry High School; Boston, Mass.; high schools of Tompkins County; Springport, N. Y.; Richmond County; Warren County; Spencer, N. Y.; Tioga and adjacent counties; Fremont, Ohio; Sandusky County, Ohio.

Some have specific requirements; for example, the Alexis Cruttenden Medical Scholarship is open to (1) descendants of Alexis H. Cruttenden, (2) graduates of Haverling High School, Bath, who are residents of Bath and who plan to study medicine, (3) graduates of Haverling High School and who are residents of Bath.

### No Tobacco

There is a scholarship for seniors and juniors of direct New England descent and there are a few for direct descendants or blood relatives of various persons. A \$200 award awaits any woman student in the University who gives "promise of developing a cultured contralto voice." Also, one for "any woman

regularly enrolled in the University who doesn't use intoxicants or tobacco in any form."

The list of scholarships for Cornell students is very extensive, and of those available but a few have been mentioned. For more details, see the publication of Cornell University entitled "Scholarships and Grants-in-Aid." Copies may be picked up in Roberts Hall. Who knows? There may be a scholarship waiting for you.

New Steno: "How many copies of this letter shall I make?"

Boss: "Ten, and send out the one with the least mistakes."

Two old buddies met for the first time in several years. "Hear about poor old Ed? He dropped dead outside of Murphy's bar."

"Going in or coming out?"

"Going in."

"What a terrible tragedy!!"

An old maid school teacher was conducting a grammar class on the first day of school and had written the following sentence on the board: "I ain't had no fun this summer."

"What should I do to correct this, children?" she asked.

Little Anopheles, the sage of the class, blurted out the solution. "Get yourself a boy friend."

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—Dalympole

The new apple vending machine in Plant Science has had to work overtime since school resumed. Here, Earle Peterson '58 and Dave Diver '54 sample some of the "silent salesman's" wares.

Even fruit vending has gone modern! The old wooden box which used to hold apples for sale on the honor system, (in the lobby of Plant Science) has been replaced by this ultramodern machine.

According to Harold Garman '57, president of the Pomology Club, it will now be possible to bring high quality refrigerated fruit to the

students 24 hours a day. He said that four or five of the most popular varieties of apples will be sold throughout the school year.

Although the machine is owned by the pomology department for experimental purposes, the Pomology Club will largely take care of filling and operating it. Some marketing work will be carried on

this fall (with the machine) by Dana Dalrymple, Grad.

Fruit vending machines like this are proving to be quite popular in many schools, colleges and factories throughout the country. However, this is the first installation of a machine of this type in this area which can, with modifications, sell cherries, grapes, watermelon slices and many types of juices.

D.D.

In a small town out West there was a commotion. It appeared that a wire had fallen across the main street and was holding up traffic. No one dared to touch it in case it should be "live."

The news reached the editor of the local paper and he acted promptly.

"Send down two reporters," he ordered, "one to touch the wire and the other to write up the story."

Diplomacy: "The art of being able to say 'Nice doggie' until you have time to pick up a rock."

About the only thing farmers find it difficult to raise today is a new crop of farmers.

## Attention Freshmen

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St. Peter and St. Thomas were playing golf on the Elysian Links one heavenly afternoon and St. Peter's drive was a hole-in-one. St. Thomas stepped up to the tee and likewise scored a hole-in-one.

"All right, now," grumbled St. Peter, "Let's cut out the miracles and play golf."

The condition a man is in can best be judged from what he takes two of at a time — stairs or pills.

A parson had occasion to reprove a small boy for swearing.

"If you feel you must say something, just say 'Brother!'" he said. "Your father doesn't swear, does he?"

"Oh, no sir!"

"Well, then, if he were working in the garden and suddenly stepped backward onto a rake which flew up and cracked him in the back of the head, what would he say?"

"He'd say: 'You're back early, dear!'"

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## Scholarship Winners

(Continued from Page 12)

### Paul H. Guldin Memorial Endowment

Karen Gail Anderson  
Margaret Alice Barry  
Dana Grant Dalrymple  
Stephen Maurice Sandler  
June Louise Petterson

### Hervey S. Hall Scholarship (\$120)

David Alan Link

### Carl E. Ladd Memorial Scholarship Fund (\$200)

Ransom Abbott Blakely  
Paul John Bredderman  
Mary Eileen Costa  
William Edward Davis  
Steven Curtis Gibson  
Eric Howard Harrison  
Carol Anne Hencle  
Croswell Dalton Ireland  
Merrill Deane Kittleson  
Marie Knowlton  
Milton Alois Lendl  
James Albert Ryan  
Robert Henry Simkin  
Elsie Christina Smith  
Daryl Griffin Stewart (Mrs.)  
Richard Fay Vincent  
Richard Lewis Wing  
Abram John Zehr

### George LaMont Educational Fund Scholarship (\$200)

Clarence Edward Parker  
Luciano Spalla

### Hudson H. Lyon Memorial Scholarships

Floyd Edgar Estelle  
Harold William Garman  
Richard Earl Mastin  
Roy Leonard Swanson  
William Boardman Wilcox

### New York State Bankers Association 4-H Club Scholarship (\$200)

Robert William Adler

### New York State Canners & Freezers Association, Inc., Scholarship (\$200)

Daniel Karl Jemison

### Non-Resident Tuition Scholarships (\$300)

Joseph Arkin  
Thomas Henry Plummer  
Daniel Jeremiah Burgher  
Sydney Augustus Reid  
Geir Valberg Cudnason  
Stanwyn Gerald Shetler  
Khoo Swee Joo  
Herbert Horst Stoevener  
Richard Harold Larson  
Matthew Adam Syrigos  
Robert William Martenson

Edgar Albert Stewart  
Bruce William Merrill  
Jackson Chai Sheng Yang  
Dudley Jonathan Philips

### The Roberts Scholarships (\$250)

Daniel Huff Bassett  
Paul Hellmut Hoepner  
Theodore Irving Mullen  
John Squire Munro  
Kerry William Washburn

### Ring Memorial Prize Essay Contest

Kenton Kaylor Brubaker  
Roy Curtiss III

### Sears-Roebuck Foundation Scholarships (\$200)

William James Danehy  
Carmon Joseph Molino  
Dalton Peter Foster  
Dominick Joseph Paolillo, Jr.  
Donald Larry Gilbert  
John Tappan Porter  
Charles Philip Gratto  
Donald Gordon Pratt  
Roger Warren House  
George Edward Sidney  
Lyle M. Johnson  
Jerrold Lee Sturm  
Bruce Irving Keeney  
Paul Frederick Tilly  
Robert Leslie Manning  
Kenneth Everett Wing

### Samuel L. Stewart Prize Essay Contest

Byron Arthur Schlag

### Van Dale Farm Machines Scholarship (\$250)

Manfred Ludwig Hoch

### Ward W. Stevens Holstein Scholarship (\$500)

Clark Cyrus Phillips (one-half)  
Everett William Tenant (one-half)

### Woman's National Farm and Garden Association Scholarships

#### Mrs. Francis King Scholarship (\$500 — two years)

Jean Thornton Smith

#### Mrs. Walter Douglas Scholarship (\$200)

Ruth Alice Morse

### COLLEGE OF HOME ECONOMICS Scholarship Awards for 1954 - 55

#### Home Bureau Scholarships

##### Carrie Gardner Brigden Scholarship

Joan Persson '55

##### Martha Van Rensselaer

Ellen E. Buck '55

##### Flora Rose

Hester Young '57

##### Ruby Green Smith

Donna J. Avery '55

### Nettie M. Roads

Paula Zurich '57  
Anna Gage Putnam  
Cherie Woodcock '55

### Martha H. Eddy

Claire Wagner '55

### Ann Phillips Duncan

Mary Ann Christiana '55

### Elizabeth MacDonald

Helma Louise Bremser '57

### Eliza Keates Young

Jane Rasmussen '55

### Cora L. Tyler

Catherine Welch '56

### Evelyn F. Gatchell

Marilyn Mitchell '57

### Edith P. Wagenblass

Nancy Marx '56

### Other scholarships

#### Home Economics Alumnae Assn.

#### Scholarship in memory of Martha Van Rensselaer

Helen Grant '56

#### Robert M. Adams 4-H Scholarship (2)

Irene Adler '55 and Mary A. Parker '57

#### Omicron Nu (2)

Margaret Mowry '56 and Mary Glintz '56

#### Home Economics Club

Elizabeth Woods '55

#### Sears-Roebuck (4 scholarships)

Mary Louise Wyant '58

Delma Lynne Spellman '58

Jewelle Daffin Carlson '58

Donna Galusha '58

#### Elizabeth Lee Vincent Award

Evelyn Mae Wright '58

Dorothy E. Mitchell '58 (1st alternate)

#### New York State Bankers Association

Mary Anne Farnsworth '58

#### Danforth Freshman Scholarship (summer)

Paula Zurich '57

#### Non-resident tuition scholarships

Ruth Clarke '55

Hua Fu '56

Mrs. Yolanda Pineiro (spec.)

Mrs. Sarojini Arulanandan '55

Mrs. Martha Penta '55

Susan McKelvey '55

#### Home Bureau Grants (4)

Sandra Ames '56

Nancy Cunningham '57

Louise Meliere '57

Margaret Reed '56

#### Omicron Nu Grant

Mrs. Doris S. Smith '55

# ALUMNOTES



1940

Ruth Huber was married to Kenneth Atwood in 1945.

1941

John Almquist was an assistant in animal husbandry from 1942 until 1944. He then went to Penn State where he now holds the position of Professor of Dairy Husbandry. Almquist is also a consultant to the Commissioner of Agricultural Commerce of Puerto Rico, and heads the Dairy Cattle Breeding Research Center at the Pennsylvania college.

In 1942, he married Norma Hoagland, H. Ec. '41. They have two children. Mrs. Almquist has been a Home Economics teacher at Elba Central School and also in Wallace, Indiana. She was teacher and supervisor for student teachers in Montmarenci, Indiana, and at Purdue University.

Gordon Butler is a statistician at the Bureau of Statistics, New York State Department of Agriculture in Albany. He is married to Ruth N. Simonsen.

1943

Since her graduation Evelyn Corwith, H. Ec., has worked at the Test Kitchens, Standard Brands, Inc. in New York City; the Frozen Laboratories, General Ice Cream Corporation in Schenectady and Rochester; and at the Test Kitchen, "Woman's Home Companion," in New York. In 1951 she married Alexander Costick and is now Director of the Borden Company Test Kitchen there.

George Blackburn is farming in Medina assisted by his wife and three children.

Dorothy Cothran, H. Ec., toured with the USO at the close of World War II as a member of the company of "Rosalinda", a light opera. She also appeared in "Bloomer Girl" in 1946 and was married the following year.

1944

Robert Hart attended Colgate University until 1948. He was with the Atomic Energy Commission at Oak Ridge, Tennessee, for awhile and is now at the hydrogen bomb plant in Augusta, Georgia. Mr. Hart married Barbara Cline, Ag. '48.

1945

One of the posts of Economic Analyst with the State Department is now filled by Egon Neuberger.

1946

Former assistant in Sociology at Michigan State College. Walter Boek is now Director of Research, Health Information Foundation, in New York. He married Jean Krumwiede '46 in 1946. Mrs. Boek worked for the General Engineer and Consulting Lab. of the General Electric Corporation in Schenectady. She was also Instructor of Foods and Nutrition in Charge of Surveys at Michigan State College and Research Assistant at the Health Information Foundation.

Recently assigned as Veterinarian with Headquarters First Army, was Doctor Julius J. Haberman

who is stationed at Fort Slocum in New Rochelle. Lieutenant Haberman was formerly employed by the Bureau of Animal Industry of the United States Department of Agriculture at Los Angeles, California, and is the author of a pamphlet "The Farmer's Veterinary Handbook".

1948

Jim Fraser, who was married in 1949, is now living in Caledonia.

1949

Now Assistant Plant Manager for Blue Moon Foods, Inc. in Jersey City, New Jersey, is Ned Bandler. Mr. Bandler is also an ex-"Countryman" Editor in Chief.

1950

Warren Wigsten is farming in Pleasant Valley. He married Betty Mae Greening, H. Ec. '49, in 1953. She was a Home Economics teacher in Freeport, Long Island.

Daniel Chabot is in sales with the Burnham Corporation, Lord and Burnham Division, Irvington. He is married and has one child. The Chabots make their home in Tarrytown.

1953

Mrs. Jacquelyn Leather Mallery has been appointed as assistant county 4-H club agent in Cayuga County.

New Otsego County assistant agricultural agent is W. Kennard Lacy. Last spring he served as itinerant agent for three months, assisting in weed-control demonstrations.

THE CORNELL COUNTRYMAN

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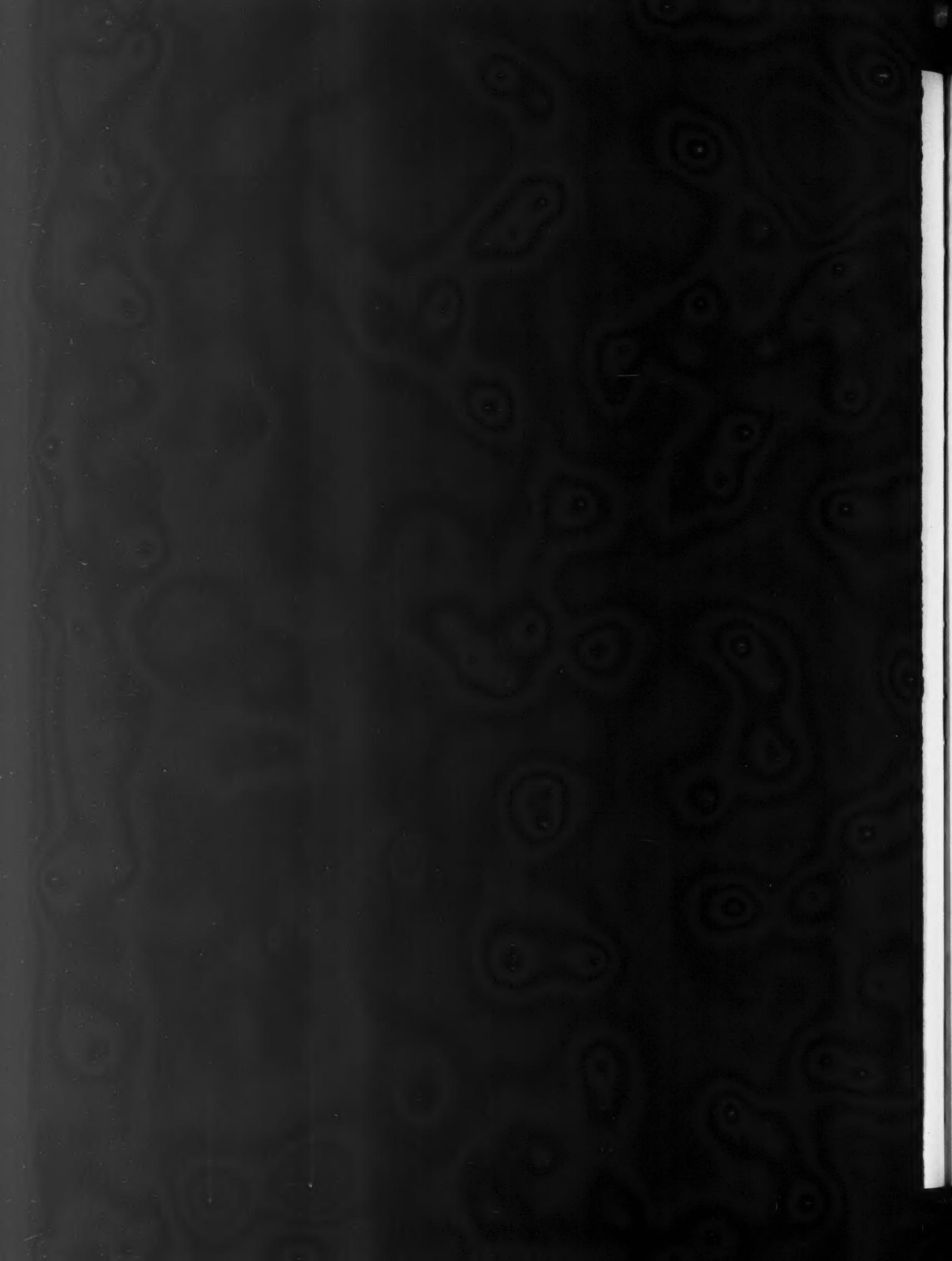
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# NO DEAD FURROWS

## turn every furrow the same way!



## 2-WAY TUMBLEBUG

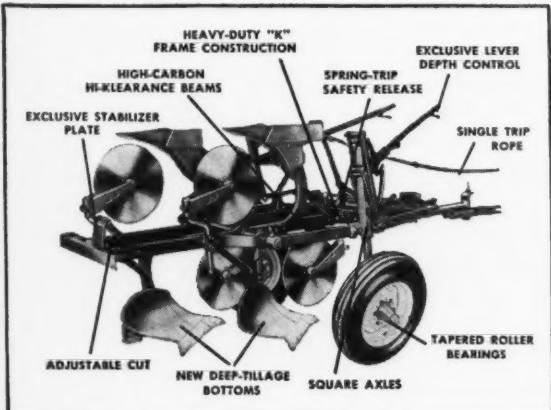
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## How IH SHOCK-PROOFED the Farmall® Fast-Hitch latch ...with New NODULAR IRON

**NODULAR IRON**—a new cast metal in the iron and steel family—is providing IH research men, metallurgists and engineers with many applications for use in the Company's farm tractors and equipment. These uses, like "shock-proofing" the Farmall Fast-Hitch latch, mean *longer equipment life, better field performance, and lower costs.*

This remarkable metal combines the *process advantages* of gray or cast iron with many of the *product advantages* of steel. Basically, nodular iron is a ductile, high-carbon cast iron that has been treated with magnesium to produce an extremely strong, tough metal with high resistance to wear, shock, and vibration. It can also be machined easily.

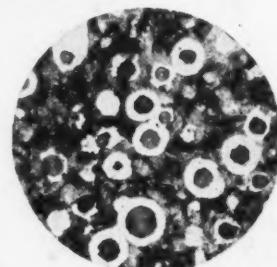
It was these qualities that led to the testing and eventual use of nodular iron in the Farmall Fast-Hitch latch. The same is true of other Fast-Hitch parts made of nodular iron—the link and swivel stop, and the inside and outside bearing races. Nodular iron is also used in some IH tractor clutch plates, pulleys, and front bolsters; in McCormick® corn picker and snapper gears and snapping rolls; and in combine and corn picker sprockets.

Product improvements like this are basic, long-range objectives at International Harvester. They are the result of teamwork at every step of manufacture, from preliminary research through final field testing. The result is product leadership that benefits everyone.

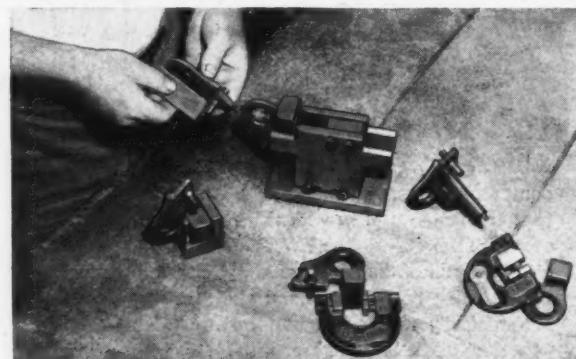
**WRITE for Free Engineering Paper** on "Nodular Iron: Its Development, Uses and Benefits for IH Farm Equipment." There is no obligation. Send your name and address to International Harvester Company, P. O. Box 7333, Chicago 80, Illinois.



**Nodular iron** is "born" when molten iron from IH Manufacturing Research's electric furnace is alloyed with the exactly right amount of magnesium alloy.



**Micrographs** show basic difference between cast gray iron (left), with its flake graphite structure, and nodular iron, with graphite in spheroidal form.



In addition to being tough, strong, and shock-proof, parts made of nodular iron—like the Farmall Fast-Hitch latch—are checked for exact fit and tolerance.

Both IH customers and dealers benefit when nodular iron is used in IH farm equipment.



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